shown in the Appendix to the Amendment filed herewith. Also filed herewith are 10 sheets of formal drawings (Figures 1-10).

Claims 1-26 are patentable over De Vos because De Vos fails to teach each and every element of claims 1-26. For example, claim 1 recites an interactive multimedia system that includes a massively parallel video server for streaming a plurality of video streams, a plurality of client devices configured to receive at least some of the plurality of video streams, and a high capacity transport system for transporting the video streams from the massively parallel video server to the plurality of client devices. The massively parallel video server further includes a plurality of processors all having concurrent access to the same set of storage devices. De Vos does not teach such a feature.

Instead, De Vos discloses a video delivery system in which no two processors can concurrently access the same storage devices, i.e., the De Vos system does not include a massively parallel video server. Specifically, the system includes storage medium units (SMUs) 20, end devices 40, and a system manager 60, all connected to each other through an ATM switch 1. [De Vos, column 2, lines 36-50, 64-65; See also, Figure 1] The system manager 60 includes storage medium managers 62, each of which controls one or more of the storage medium units 20. [De Vos, column 6, lines 9-15] The storage medium units 20 each stores video and audio signals, which are delivered under the control of storage medium managers 62 to end devices 40. [De Vos, column 2, lines 57-65] Since each storage medium manager 62 controls a different storage medium unit 20, no two storage medium managers 62 can

concurrently access the same storage medium unit 20 to deliver video to end devices 40. Id.
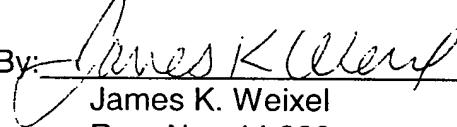
Accordingly, De Vos does not teach a massively parallel video server that includes a plurality of processors all having concurrent access to the same set of storage devices for streaming a plurality of video streams, as recited in claims 1-26.

In view of the foregoing amendments and remarks, Applicant respectfully requests the reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 07-2339.

Respectfully submitted,

Dated: 6/14/2002

By: James K. Weixel
James K. Weixel
Reg. No. 44,399

Verizon Services Group
600 Hidden Ridge, HQE03H01
Irving, TX 75038
781-466-2220

APPENDIX TO AMENDMENT IN RESPONSE TO OFFICE ACTION MAILED FROM THE USPTO ON 3/15/02

Version with Markings to Show Changes Made

<u>Amendments to the Claims</u>

1.   (Amended)   An interactive multimedia system, comprising:

a massively parallel video server <u>that includes a plurality of processors all having concurrent access to same set of storage devices</u> for streaming a plurality of video streams;

a plurality of [clients for receiving] <u>client devices configured to receive at least some of</u> the plurality of video streams; <u>and</u>

a high capacity transport system for transporting the video streams from the massively parallel video server to the plurality of [clients] <u>client devices</u>.

2.   (Amended)   The interactive multimedia system of claim 1, further comprising:

a set of display devices connected to the plurality of [clients] <u>client devices</u>, respectively, for displaying the video streams.

4.   (Amended)   The interactive multimedia system of claim 1, further comprising:

a controller for monitoring the massively parallel video server, the high capacity transport system, and the plurality of [clients] client devices.

5.   (Amended)   The interactive multimedia system of claim 1, further comprising a web server for storing data and sending the data via the high capacity transport system to the plurality of [clients] client devices.

6.   (Amended)   The interactive multimedia system of claim 1, wherein the massively parallel video server includes a plurality of nodes and each of the plurality of nodes comprises:

a video server program for streaming one or more of the video streams from one or more video titles stored in [a plurality of disks] the set of storage devices;

an interface module for formatting the video streams into cells and transmitting the cells on the high capacity transport system;

a disk controller for retrieving the video titles from the [plurality of disks] set of storage devices; and

[a processor] at least one of the plurality of processors [for] running the video server program.

8.   (Amended)   The interactive multimedia system of claim 1, wherein the high capacity transport system comprises pre-established connections associated with the plurality of [clients] client devices, respectively.

9.   (Amended)   The interactive multimedia system of claim 1, wherein the high capacity transport system comprises pre-established bidirectional connections associated with the plurality of [clients] <u>client devices</u>, respectively.

10.   (Amended)   The interactive multimedia system of claim 1, wherein each of the plurality of [clients] <u>client devices</u> comprises:

a browser program for retrieving the data from the web server;

a video client program for receiving one of the video streams and for controlling the video stream; and

a processor <u>other than the plurality of processors in the massively parallel video server</u> for executing the browser program and the video client program.

11.   (Amended)   The interactive multimedia system of claim 1, wherein one or more of the plurality of [clients] <u>client devices</u> includes a set top box.

12.   (Amended)   The interactive multimedia system of claim 1, wherein one or more of the plurality of [clients] <u>client devices</u> includes a personal computer.

17.   (Amended)   A method for delivering interactive multimedia to a plurality of subscribers at a subscriber site, said method comprising the steps of:

streaming a plurality of video streams from one or more video titles stored in a massively parallel video server <u>that includes a plurality of processors all having concurrent access to same storage devices</u>; and

transporting the video streams to a plurality of clients via a high capacity

transport system.